

Module 3: Correctives

Section 3:1:1 Find and estimate square roots.

Find each value. Tell whether your answer is exact or an estimate.

1. $\sqrt{0.64}$

2. $-\sqrt{3600}$

3. $\sqrt{27}$

4. $\sqrt{\frac{16}{36}}$

Section 3:2:1 Evaluate expressions with square roots and fraction bars.

Find each value. Simplify your answer.

5. $\frac{5 \cdot 10 - 3 \cdot 6}{\sqrt{40} - 4}$

6. $\sqrt{\frac{-4 \cdot 3 + 2 \cdot 9 + (-5)(-6)}{100}}$

7. $\frac{3^2}{2(9) + 3^2}$

Section 3:2:2 Graph equations.

8. $y = -3x + 4$

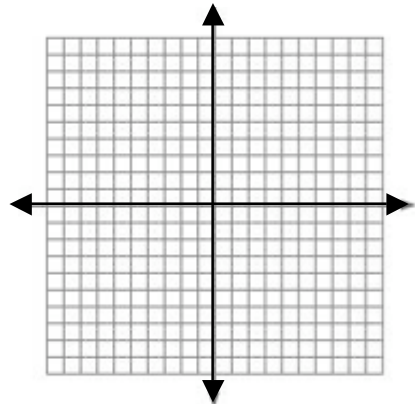
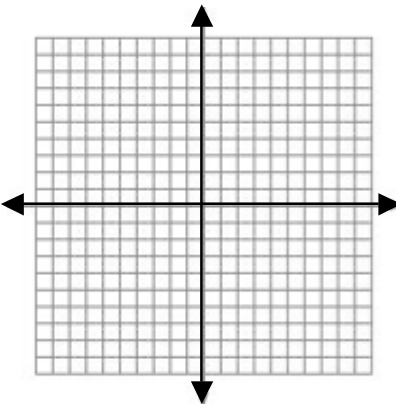
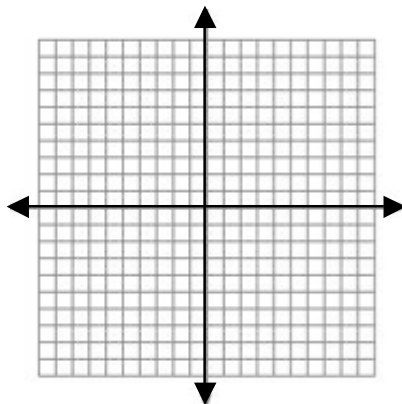
9. $y = 5x$

10. $y = x + 7$

x	y
-2	
0	
2	

x	y
-2	
0	
2	

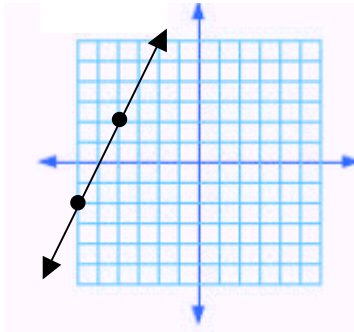
x	y
-2	
0	
2	



Section 3:3:1 Find the slope of a line.

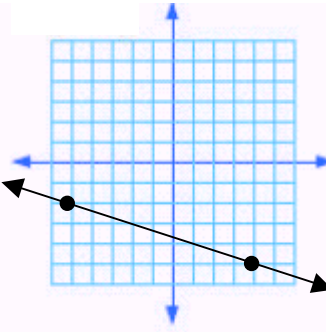
Find the slope of each line.

11.



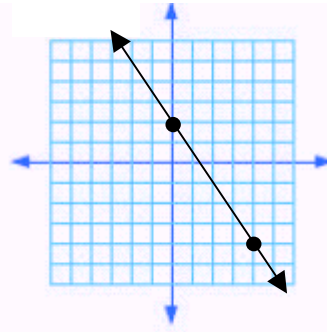
$m =$ _____

12.



$m =$ _____

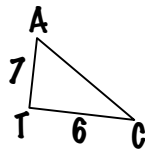
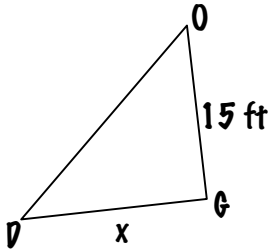
13.



$m =$ _____

Section 3:4:1 Tell whether triangles are similar & make indirect measurements.

If $\triangle DOG$ is similar to $\triangle CAT$, complete 14 - 18. Round answers to the nearest tenth.



14. Find the value of x : _____

Complete the following statements.

15. $m\angle D =$ _____

16. $m\angle A =$ _____

17. $m\angle G =$ _____

18. $\frac{DG}{CA} = \frac{OG}{\quad} = \frac{OG}{\quad}$

Section 3:6:1 Interpret statements with *and*, *or*, and *not* & organize information in a Venn diagram.

The table shows students that play football and basketball.

19. Make a Venn diagram that includes football and basketball athletes from Forest Park.

Football	Basketball
Matt K.	Nick R.
DJ K.	Matt K.
Anthony M.	Max C.
Nick R.	John J.
David S.	Anthony M.

20. Which students played both sports?

21. How many students played one or both sports?